

SSSSSSSSSSSSSS	UUU	UUU	MMM	MMM
SSSSSSSSSSSSSS	UUU	UUU	MMM	MMM
SSSSSSSSSSSSSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMMMMM	MMMMMM
SSS	UUU	UUU	MMMMMM	MMMMMM
SSS	UUU	UUU	MMMMMM	MMMMMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSSSSSSSSS	UUU	UUU	MMM	MMM
SSSSSSSSSS	UUU	UUU	MMM	MMM
SSSSSSSSSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSS	UUU	UUU	MMM	MMM
SSSSSSSSSSSSSS	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	MMM	MMM
SSSSSSSSSSSSSS	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	MMM	MMM
SSSSSSSSSSSSSS	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	MMM	MMM

[illegible]

MM		MM	AAAAAA	PPPPPPPP	
MM		MM	AAAAAA	PPPPPPPP	
MMM		MMM	AA	PP	PP
MMM		MMM	AA	PP	PP
MM	MM	MM	AA	PP	PP
MM	MM	MM	AA	PP	PP
MM		MM	AA	PPPPPPPP	
MM		MM	AA	PPPPPPPP	
MM		MM	AAAAAAAAAA	PP	
MM		MM	AAAAAAAAAA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	

[illegible]



+-----+  
! Object Module Synopsis !  
+-----+

Module Name	Ident	Bytes	File	Creation Date	Creator
MAIN	V04-000	62	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:12	VAX/VMS Macro V04-00
DATA	V04-000	1829	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:12	VAX/VMS Macro V04-00
GETCMD	V04-000	340	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:14	VAX/VMS Macro V04-00
UPDATE	V04-000	953	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:13	VAX/VMS Macro V04-00
CLIS\$INTERFACE	V04-000	516	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 00:32	VAX-11 Bliss-32 V4.0-742
CLIS\$GLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:38	VAX/VMS Macro V04-00
RMSS\$GLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:35	VAX/VMS Macro V04-00
SYSSP1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
SUMSHR	V04-000	0	-\$255\$DUA28:[SYSLIB]SUMSHR.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

+-----+  
! Image Section Synopsis !  
+-----+

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	4	00000200	2	0	READ WRITE COPY ON REF				
	0	4	00000A00	6	0	READ ONLY				
	0	1	00001200	10	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11
SUMSHR	3	12	00000000-R	0	0	READ ONLY	SUMSHR_001	LESS/EQUAL	1	1000
	2	1	00001800-R	0	0	READ WRITE COPY ON REF	SUMSHR_002	LESS/EQUAL	1	1000
	3	1	00001A00-R	0	0	READ ONLY	SUMSHR_003	LESS/EQUAL	1	1000

Key for special characters above:

+-----+  
: R - Relocatable :  
: P - Protected :  
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! Program Section Synopsis !  
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<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>
\$RMSNAM	DATA	00000200 00000200	0000020D 0000020D	0000000E ( 0000000E (	14.) BYTE 0 14.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
SUM\$RW_DATA	DATA	00000210 00000210	00000926 00000926	00000717 ( 00000717 (	1815.) LONG 2 1815.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
\$CODE\$	CLIS\$INTERFACE	00000A00 00000A00	00000C03 00000C03	00000204 ( 00000204 (	516.) LONG 2 516.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
SUM\$CODE	MAIN GETCMD UPDATE	00000C04 00000C04 00000C42 00000D6D	00001125 00000C41 00000D6C 00001125	00000522 ( 0000003E ( 0000012B ( 000003B9 (	1314.) BYTE 0 62.) BYTE 0 299.) BYTE 0 953.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
SUM\$RO_DATA	GETCMD	00001128 00001128	00001150 00001150	00000029 ( 00000029 (	41.) LONG 2 41.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC



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+-----+
! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...
CLISDCL_PARSE	00000ACF-R	CLIS\$INTERFACE	
CLISDISPATCH	00000B80-R	CLIS\$INTERFACE	
CLISGET_VALUE	00000A43-R	CLIS\$INTERFACE	GETCMD
CLISNEXT_QUAL	00000BC1-R	CLIS\$INTERFACE	
CLISPRESNT	00000A00-R	CLIS\$INTERFACE	GETCMD
CLIS_ABSENT	000381F0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_COMMA	0003FD39	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_CONCAT	0003FD29	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_DEFAULTED	0003FD21	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCNEG	00038230	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCPRES	0003FD31	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_NEGATED	000381F8	CLIS\$GLOBALS	CLIS\$INTERFACE GETCMD
CLIS_NOCMD	000380B0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_PRESENT	0003FD19	CLIS\$GLOBALS	CLIS\$INTERFACE
LIB\$FREE_VM	00001250-RX	LIBRTL	CLIS\$INTERFACE
LIB\$GET_VM	0000125C-RX	LIBRTL	CLIS\$INTERFACE GETCMD
LIB\$LP_CINES	00001258-RX	LIBRTL	UPDATE
RAB\$RHB	0000002C	RMS\$GLOBALS	GETCMD
RMS\$EOF	0001827A	RMS\$GLOBALS	UPDATE
STR\$ANALYZE_SDESC	0000124C-RX	LIBRTL	CLIS\$INTERFACE
STR\$COPY_DX	00001248-RX	LIBRTL	CLIS\$INTERFACE
STR\$FREE_DX	00001254-RX	LIBRTL	GETCMD
SUM\$AQ_MSGDES	000007C8-R	DATA	UPDATE
SUM\$AT_AUDIT	00000220-R	DATA	UPDATE
SUM\$AT_BUFFER	00000238-R	DATA	UPDATE
SUM\$AT_INPUTFN	00000358-R	DATA	UPDATE
SUM\$AT_LINENE	00000237-R	DATA	UPDATE
SUM\$AT_LINENO	00000231-R	DATA	UPDATE
SUM\$AT_LISTFN	000003D8-R	DATA	
SUM\$AT_MSGBUF	000007D4-R	DATA	UPDATE
SUM\$AT_OUTPUFN	00000398-R	DATA	
SUM\$AT_SBTTL	000008A6-R	DATA	UPDATE
SUM\$AT_SBTTLDT	000008E2-R	DATA	
SUM\$AT_SBTTLFS	000008FA-R	DATA	UPDATE
SUM\$AT_TITLE	0000081C-R	DATA	UPDATE
SUM\$AT_TITLEDT	00000859-R	DATA	
SUM\$AT_TITLEPN	0000089E-R	DATA	UPDATE
SUM\$AW_MSGLEN	000007D0-R	DATA	UPDATE
SUM\$AX_CBL	00000337-R	DATA	UPDATE
SUM\$AX_INPUTFAB	0000042C-R	DATA	GETCMD UPDATE
SUM\$AX_INPUTNAM	000004A8-R	DATA	UPDATE
SUM\$AX_INPUTRAB	00000508-R	DATA	UPDATE
SUM\$AX_INPUTXAB	0000047C-R	DATA	UPDATE
SUM\$AX_LISTFAB	00000640-R	DATA	GETCMD UPDATE
SUM\$AX_LISTNAM	00000690-R	DATA	
SUM\$AX_LISTRAB	000006F0-R	DATA	UPDATE
SUM\$AX_OUTPUFAB	0000054C-R	DATA	GETCMD UPDATE
SUM\$AX_OUTPUNAM	0000059C-R	DATA	
SUM\$AX_OUTPURAB	000005FC-R	DATA	GETCMD UPDATE

Symbol	Value	Defined By	Referenced By ...	
SUM\$AX_RHB	00000418-R	DATA	GETCMD	UPDATE
SUM\$AX_TERM FAB	00000734-R	DATA	MAIN	
SUM\$AX_TERM RAB	00000784-R	DATA	MAIN	UPDATE
SUM\$CLOSE	00001278-RX	SUMSHR	UPDATE	
SUM\$GETCMD	00000C42-R	GETCMD	MAIN	
SUM\$GL_CLIADDR	00000210-R	DATA	MAIN	
SUM\$GL_FLAGS	0000021C-R	DATA	GETCMD	UPDATE
SUM\$GL_UPDATES	00000354-R	DATA	GETCMD	UPDATE
SUM\$GQ_CMDLINE	00000214-R	DATA		
SUM\$GQ_SBTLLDS	0000089E-R	DATA	UPDATE	
SUM\$GQ_TITLED	00000814-R	DATA	UPDATE	
SUM\$GW_LINENO	00000428-R	DATA	UPDATE	
SUM\$GW_PAGENO	00000424-R	DATA	UPDATE	
SUM\$GW_PAGESZ	00000426-R	DATA	UPDATE	
SUM\$INIT_EDIT	00001270-RX	SUMSHR	UPDATE	
SUM\$K_SBTLLN	00000081	DATA	UPDATE	
SUM\$K_TITLELN	00000082	DATA	UPDATE	
SUM\$LINE	00001274-RX	SUMSHR	UPDATE	
SUM\$OPEN	0000126C-RX	SUMSHR	UPDATE	
SUM\$OPEN_ERR	0000127C-RX	SUMSHR	MAIN	UPDATE
SUM\$START	00000C04-R	MAIN		
SUM\$UPDATE	00000D6D-R	UPDATE	MAIN	
SUM\$UPDATE_QUAL	00001268-RX	SUMSHR	GETCMD	
SUM\$WRITE_ERR	00001280-RX	SUMSHR	UPDATE	
SYSS\$ASCTIM	7FFFEDE48	SYSSP1_VECTOR	UPDATE	
SYSS\$CLI	7FFFEDE18	SYSSP1_VECTOR	CLIS\$INTERFACE	
SYSS\$CLOSE	7FFFE1B8	SYSSP1_VECTOR	UPDATE	
SYSS\$CONNECT	7FFFE1C0	SYSSP1_VECTOR	MAIN	UPDATE
SYSS\$CREATE	7FFFE1C8	SYSSP1_VECTOR	UPDATE	
SYSS\$GETMSG	7FFFE0B0	SYSSP1_VECTOR	UPDATE	
SYSS\$OPEN	7FFFE208	SYSSP1_VECTOR	MAIN	UPDATE
SYSS\$PUT	7FFFE188	SYSSP1_VECTOR	UPDATE	
XAB\$Q_CDT	00000014	RM\$GLOBAL	UPDATE	



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! Symbols By Value !  
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Value	Symbols...
-----	-----
00000014	XABSQ_CDT
0000002C	RABSL_RHB
00000081	SUMSK_SBTLLN
00000082	SUMSK_TITLELN
00000210	R-SUMSGC_CLIADDR
00000214	R-SUMSGQ_CMDLINE
0000021C	R-SUMSGL_FLAGS
00000220	R-SUMSAT_AUDIT
00000231	R-SUMSAT_LINENO
00000237	R-SUMSAT_LINENE
00000238	R-SUMSAT_BUFFER
00000337	R-SUMSAX_CBL
00000354	R-SUMSGL_UPDATES
00000358	R-SUMSAT_INPUTFN
00000398	R-SUMSAT_OUTPUFN
000003D8	R-SUMSAT_LISTFN
00000418	R-SUMSAX_RHB
00000424	R-SUMSGW_PAGENO
00000426	R-SUMSGW_PAGESZ
00000428	R-SUMSGW_LINENO
0000042C	R-SUMSAX_INPUTFAB
0000047C	R-SUMSAX_INPUTXAB
000004A8	R-SUMSAX_INPUTNAM
00000508	R-SUMSAX_INPUTRAB
0000054C	R-SUMSAX_OUTPUFAB
0000059C	R-SUMSAX_OUTPUNAM
000005FC	R-SUMSAX_OUTPURAB
00000640	R-SUMSAX_LISTFAB
00000690	R-SUMSAX_LISTNAM
000006F0	R-SUMSAX_LISTRAB
00000734	R-SUMSAX_TERMFAB
00000784	R-SUMSAX_TERMRAB
000007C8	R-SUMSAQ_MSGDES
000007D0	R-SUMSAW_MSGLEN
000007D4	R-SUMSAT_MSGBUF
00000814	R-SUMSGQ_TITLEDs
0000081C	R-SUMSAT_TITLE
00000859	R-SUMSAT_TITLEDT
0000089E	R-SUMSAT_TITLEPN
000008A6	R-SUMSAT_SBTTL
000008E2	R-SUMSAT_SBTTLDT
000008FA	R-SUMSAT_SBTTLFS
00000A00	R-CLISPRESENT
00000A43	R-CLISGET_VALUE
00000ACF	R-CLISDCL_PARSE
00000B80	R-CLISDISPATCH
00000BC1	R-CLISNEXT_QUAL
00000C04	R-SUM\$START
00000C42	R-SUM\$GETCMD

R-SUMSGQ\_SBTTLDS



Value	Symbols...
00000D6D	R-SUM\$UPDATE
00001248	RX-STR\$COPY DX
0000124C	RX-STR\$ANALYZE_SDESC
00001250	RX-LIB\$FREE VM
00001254	RX-STR\$FREED DX
00001258	RX-LIB\$LP_LINES
0000125C	RX-LIB\$GET VM
00001268	RX-SUM\$UPDATE_QUAL
0000126C	RX-SUM\$OPEN
00001270	RX-SUM\$INIT_EDIT
00001274	RX-SUM\$LINE
00001278	RX-SUM\$CLOSE
0000127C	RX-SUM\$OPEN_ERR
00001280	RX-SUM\$WRITE_ERR
0001827A	RMSS_EOF
000380B0	CLIS_NOCMD
000381F0	CLIS_ABSENT
000381F8	CLIS_NEGATED
00038230	CLIS_LOCNEG
0003FD19	CLIS_PRESENT
0003FD21	CLIS_DEFAULTED
0003FD29	CLIS_CONCAT
0003FD31	CLIS_LOCPRES
0003FD39	CLIS_COMMA
7FFEDE18	SYSS\$CLI
7FFEDE48	SYSS\$ASCTIM
7FFEE0B0	SYSS\$GETMSG
7FFEE188	SYSS\$PUT
7FFEE1B8	SYSS\$CLOSE
7FFEE1C0	SYSS\$CONNECT
7FFEE1C8	SYSS\$CREATE
7FFEE208	SYSS\$OPEN

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

-----  
! Image Synopsis !  
-----

Virtual memory allocated: 00000200 000013FF 00001200 (4608. bytes, 9. pages)  
Stack size: 20. pages  
Image header virtual block limits: 1. ( 1. block)  
Image binary virtual block limits: 2. ( 9. blocks)  
Image name and identification: SUMSLP V04-000  
Number of files: 6.  
Number of modules: 10.  
Number of program sections: 10.  
Number of global symbols: 328.  
Number of cross references: 166.  
Number of image sections: 9.  
User transfer address: 00000C04  
Number of code references to shareable images: 13.  
Image type: EXECUTABLE.  
Map format: FULL WITH CROSS REFERENCE in file \_\$255\$DUA28:[SUM.LIS]SUMSLP.MAP;1  
Estimated map length: 77. blocks

-----  
! Link Run Statistics !  
-----

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	129	00:00:00.32	00:00:01.12
Pass 1:	143	00:00:01.69	00:00:13.70
Allocation/Relocation:	37	00:00:00.16	00:00:01.20
Pass 2:	39	00:00:00.76	00:00:04.37
Map data after object module synopsis:	25	00:00:00.64	00:00:00.73
Symbol table output:	1	00:00:00.03	00:00:00.87
Total run values:	374	00:00:03.60	00:00:21.99

Using a working set limited to 1200 pages and 77 pages of data storage (excluding image)

Total number object records read (both passes): 391  
of which 183 were in libraries and 8 were DEBUG data records containing 228 bytes

Number of modules extracted explicitly = 4  
with 4 extracted to resolve undefined symbols

23 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXES:SUMSLP/MAP=MAPS:SUMSLP/FULL/CROSS/NOTRACE SYSS\$INPUT/OPTIONS  
LIB\$:SUM/INCLUDE=(MAIN,DATA,GETCMD,UPDATE)  
PSECT=SUM\$RO DATA,EXE  
PSECT=\$RMSNAM,NOEXE



0368 AH-BT13A-SE  
VAX/VMS V4.0

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